

Approved

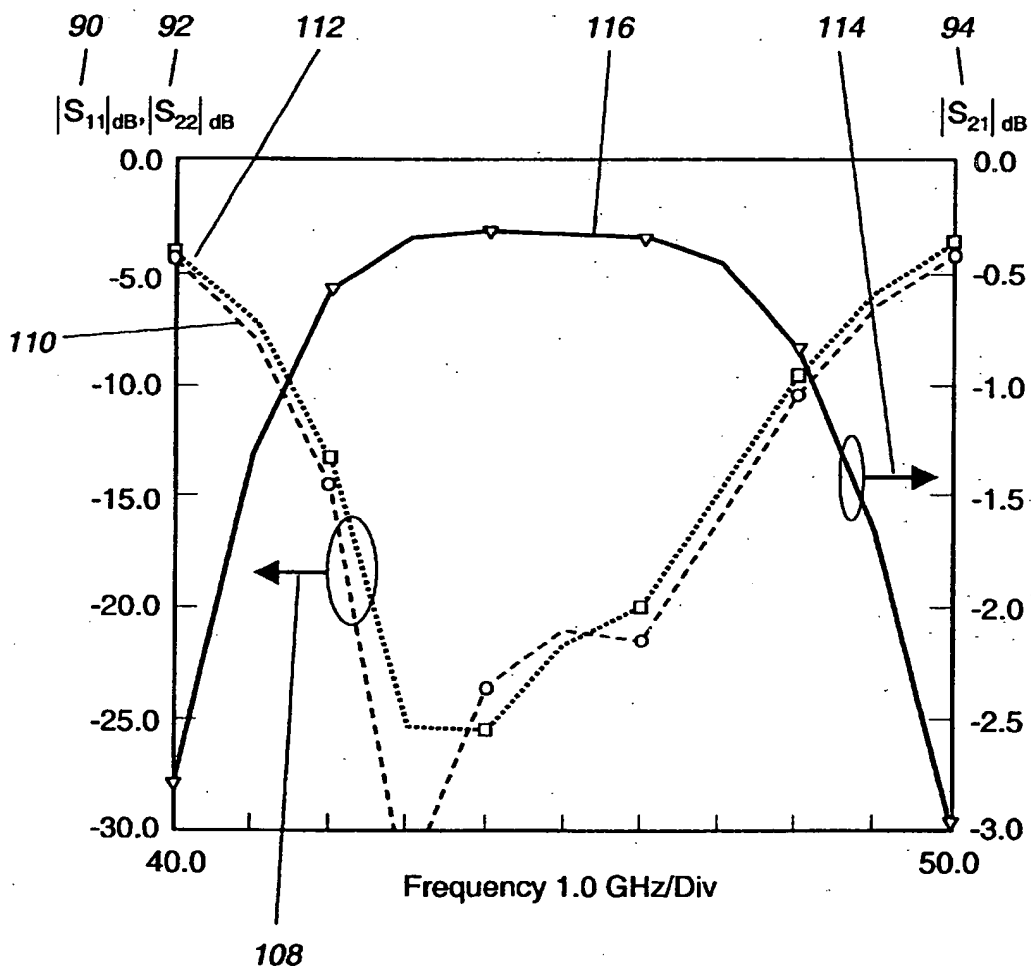


Figure 6

A cross-sectional view of a semiconductor device. A central core (4) is shown with a cross-hatched pattern. It is flanked by two regions (5) with diagonal hatching. Below the core, there are two regions (6) with diagonal hatching, separated by a central region (7) with a cross-hatched pattern. The entire structure is supported by a substrate (1). On the left and right sides, there are contacts (8) and (9) respectively, which are connected to the core (4) via wires (10). The contacts (8) and (9) are shown in cross-section with a cross-hatched pattern. The substrate (1) is shown with a diagonal hatching pattern. The device is labeled with various reference numerals: 1, 4, 5, 6, 7, 8, 9, 10, 14, 15, 16, 17, 18, and 19. A label 'A2' with an arrow points to the top of the device, and a label 'C2' with an arrow points to the bottom of the device.

A cross-sectional view of a device. It features a central core with multiple layers: a top layer with diagonal hatching, a middle layer with cross-hatching, and a bottom layer with diagonal hatching. This core is flanked by two side supports, each with a top flange and a bottom flange. A horizontal line with an arrow pointing to the right is positioned above the central core. Labels include 'A2' at the top right, '18' on the right side of the core, 'B1' and 'B'' on the left side of the bottom flange, and 'C2' at the bottom center.

A cross-sectional view of a multi-layered device assembly. The assembly consists of several layers: a top layer (A2) with a central rectangular block, a middle layer (18) with a central rectangular block, and a bottom layer (13) with a central rectangular block. The central blocks are connected by vertical lines (7). The bottom layer (13) has a central rectangular block (13a) and two side blocks (B1). The side blocks (B1) are connected by a horizontal line (B'). The central block (13a) is connected to the side blocks (B1) by vertical lines (C2). The side blocks (B1) are connected to the central block (13a) by vertical lines (C2). The side blocks (B1) are connected to the central block (13a) by vertical lines (C2).

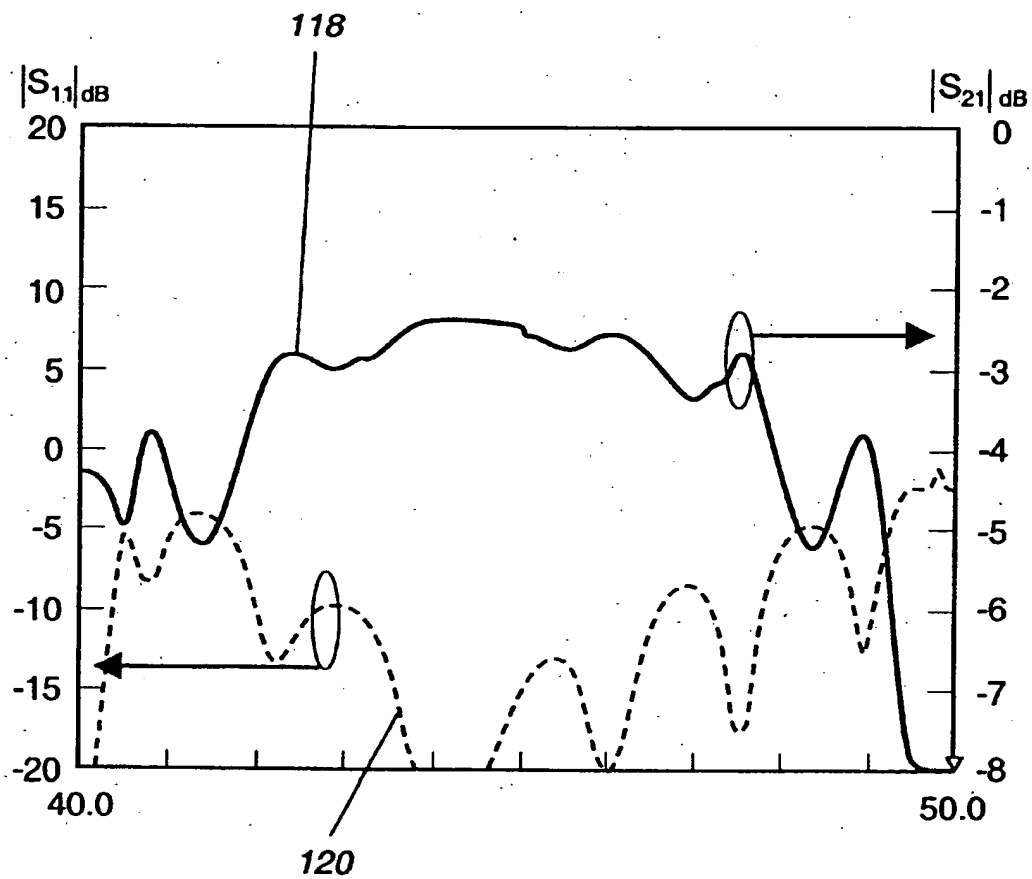


Figure 7



FIG.4a

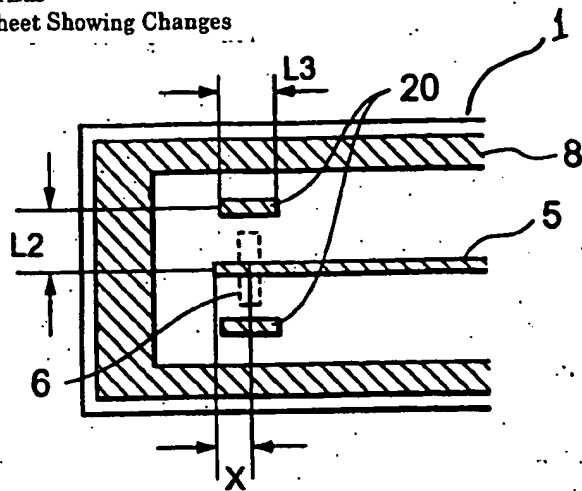


FIG.4b

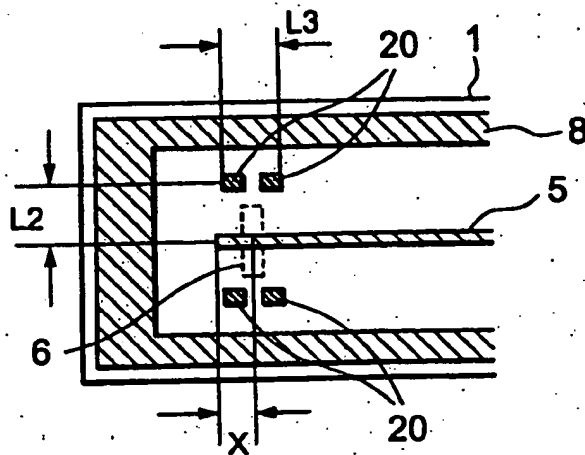


FIG.4c

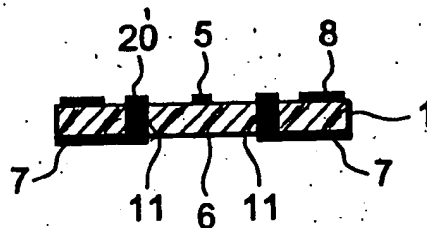


FIG.4d

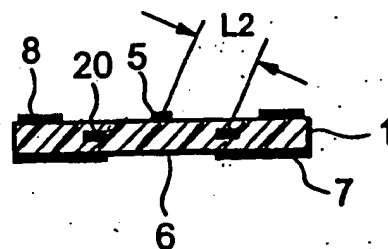
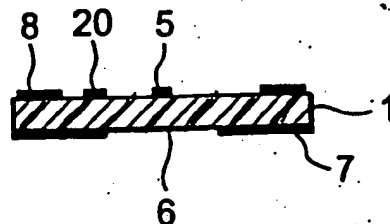


FIG.4e



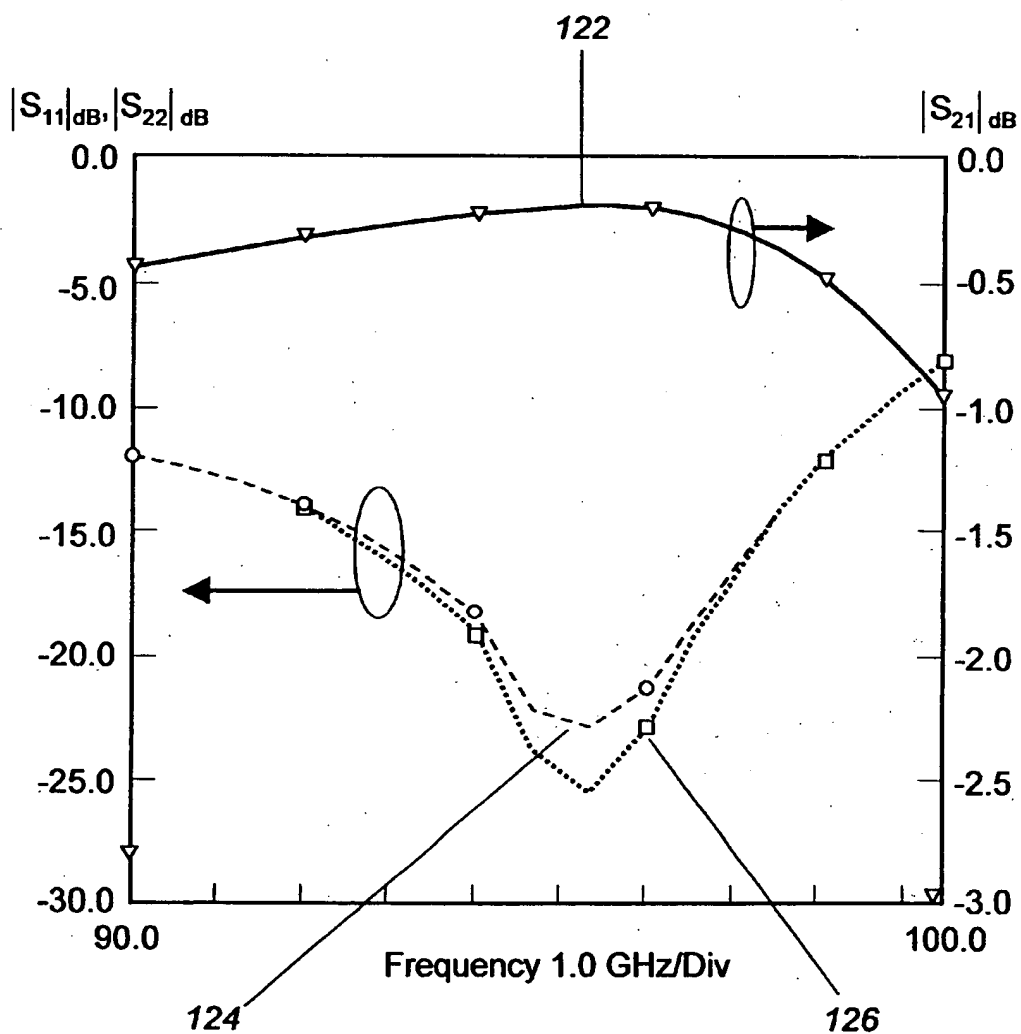


Figure 8

[illegible]

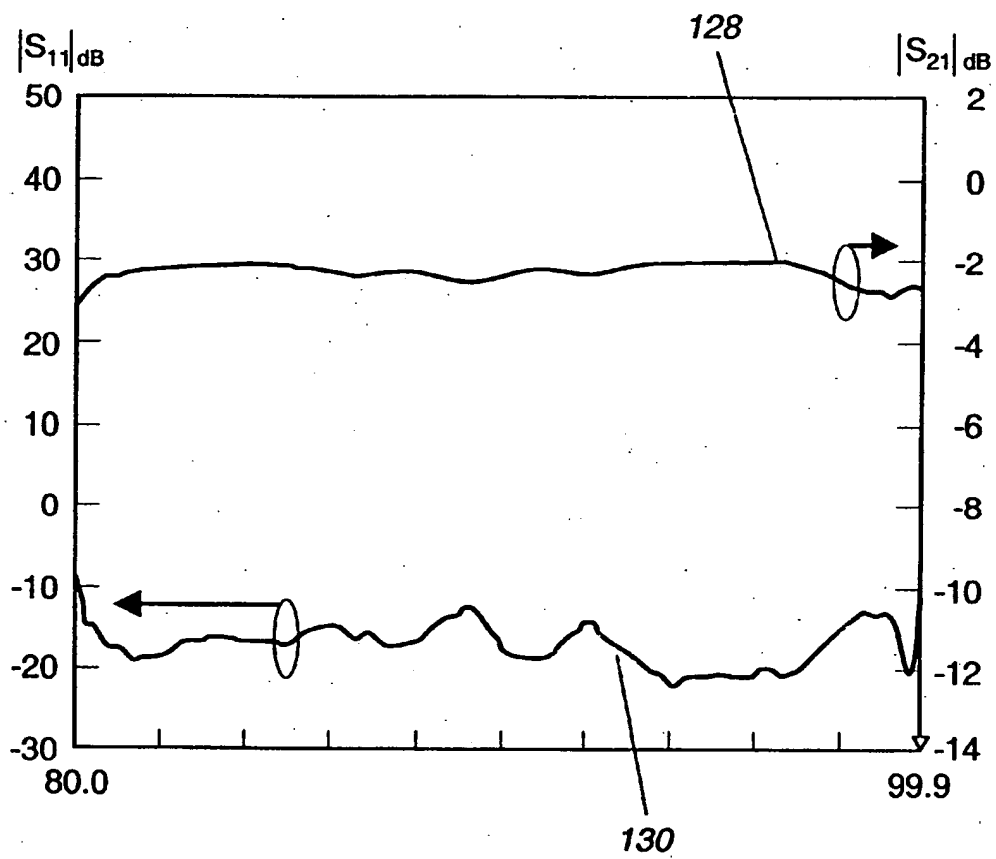


Figure 9





FIG.6a

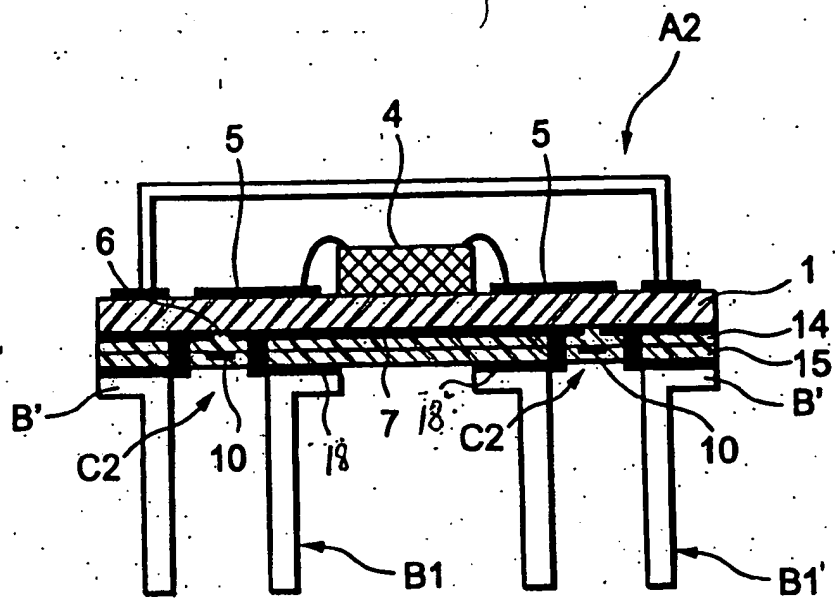


FIG.6b

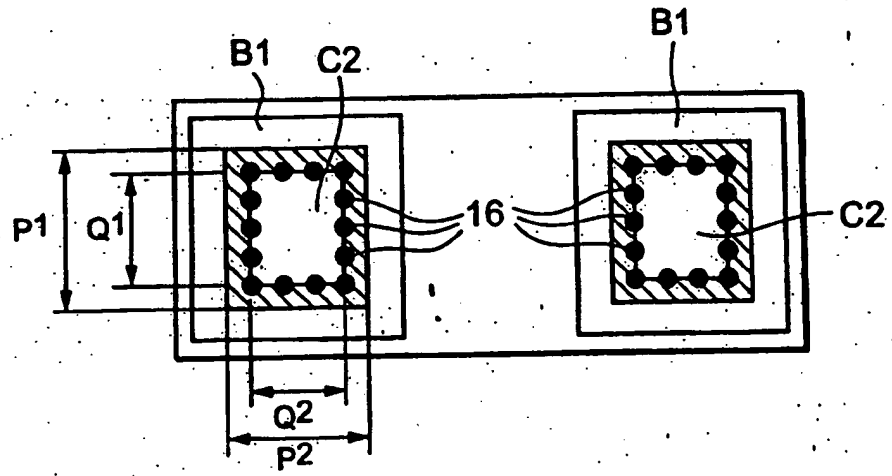
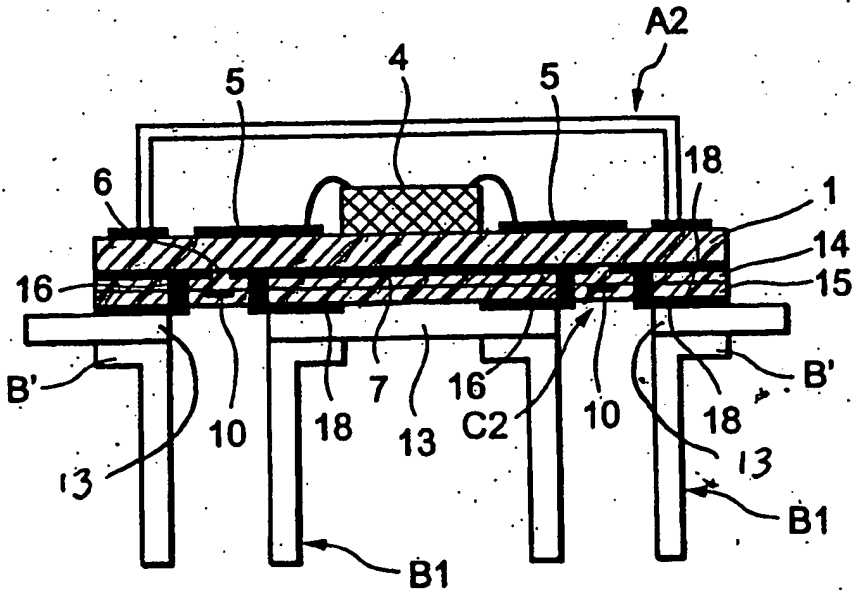
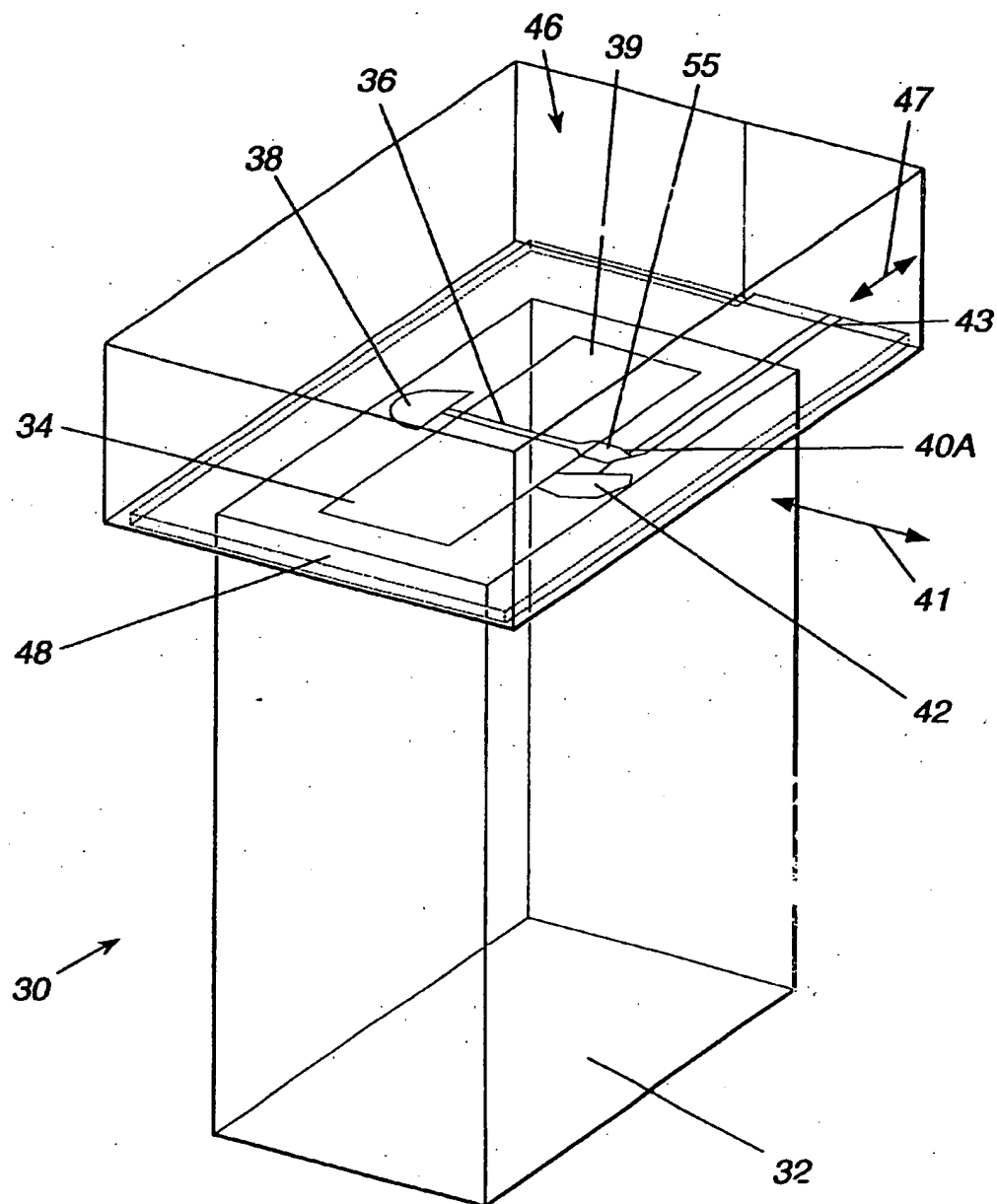


FIG.6c





Figur 10



FIG.7

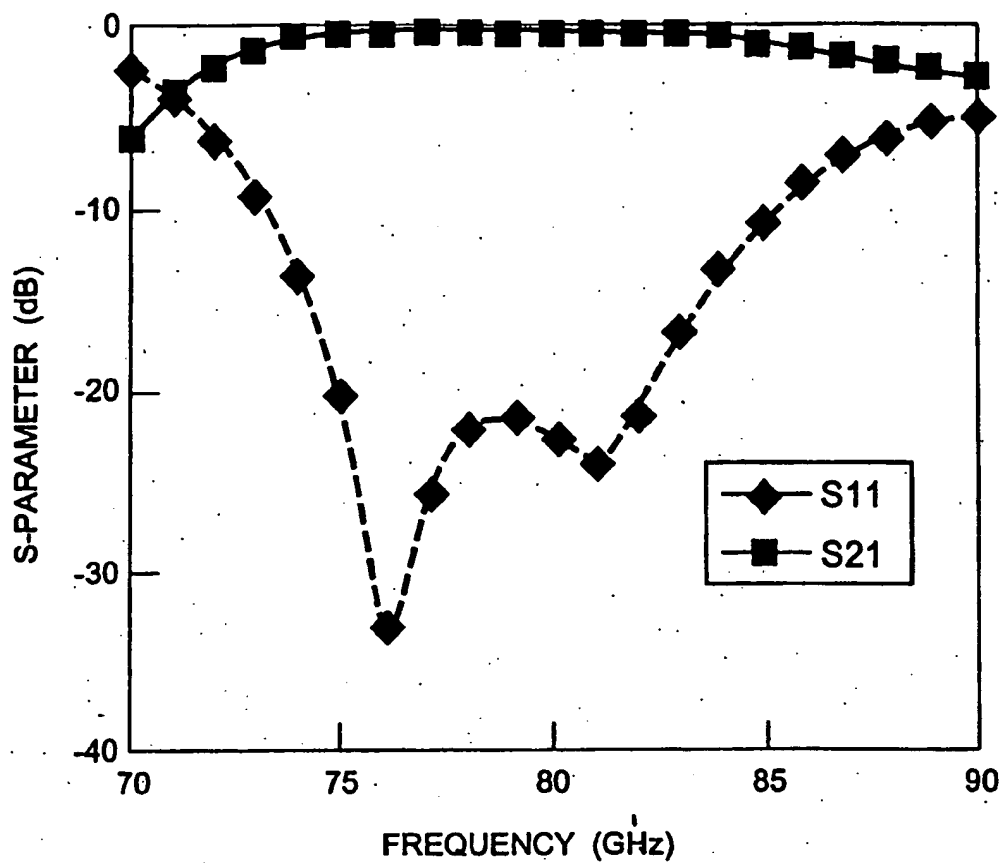
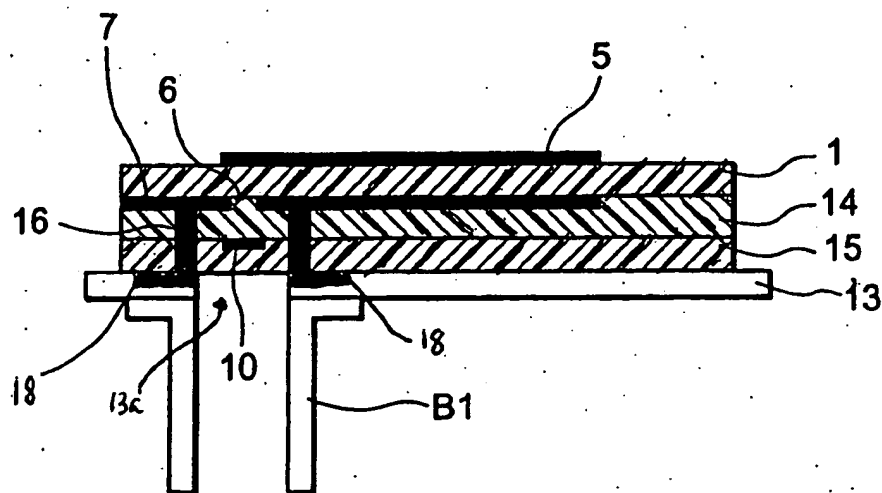


FIG.8



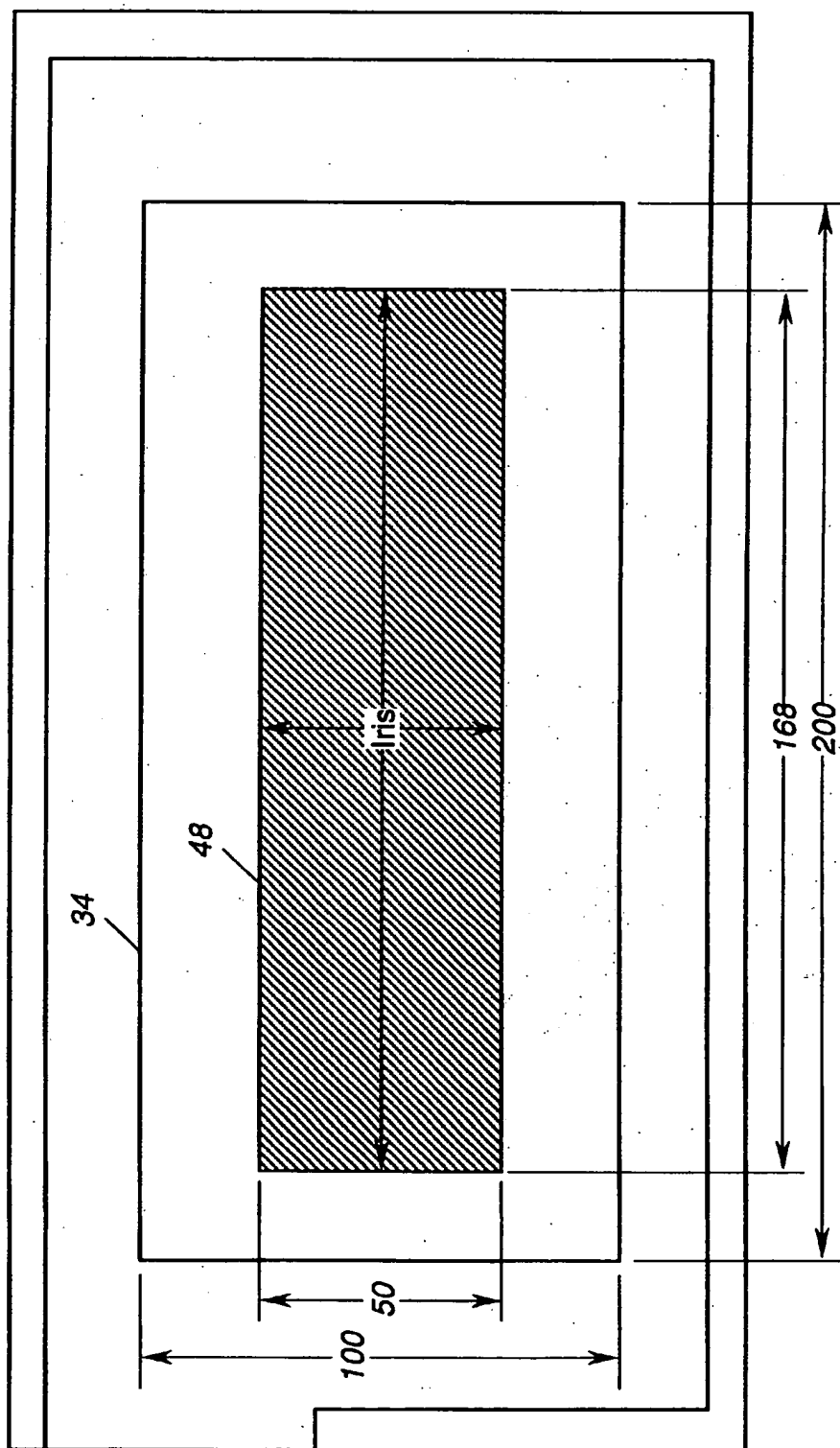


Figure 11